

## ABSTRACT

The invention relates to a shelf stacking machine for stocking and removing paper reels, especially in the printing industry. The shelf stacking machine can be driven in a lane with storage places at both sides. Said storage places receive paper reels which are stacked one on top of the other or behind each other in the direction of the lane. The shelf stacking machine is provided with a receptacle for a paper reel. Said receptacle is formed by a fork which can be height-adjustably pivoted around a horizontal axle. The fork is provided with measuring devices which detect the load of the received paper reel. The measuring devices supply the detected measured data via a control device to an actuator which is coupled to the fork movement-wise and which height-adjustably pivots the fork into the horizontal position according to the measured data. The actuator holds the fork in said horizontal position during paper reel transport.

TECHNIQUE